Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049633.D
Acq On : 4 Aug 2021 11:49
Operator : CG/JU
Sample : SSTD00515
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005415

Manual Integrations APPROVED
mohammad
8/5/2021 5:05:32 PM

Quant Time: Aug 04 14:07:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	23799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	98098	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	69950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	155343	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	154819	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	158701	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	824	1.584	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.573	132	6903	4.573	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.207	128	3345	4.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	3654	4.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	7143	4.444	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.088	166	24263	4.528	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	30199	4.852	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.686	176	21531	4.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.542	188	33706	4.669	ng/ul	0.00
81) Pyrene-d10	19.827	212	35971	4.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	37480	4.493	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	1037m	1.458	ng/uL	
12) 2-Chlorophenol	7.603	128	7138	4.912	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.848	70	6856	5.205	ng/ul	95
19) Hexachloroethane	9.130	117	2669	4.077	ng/ul#	84
22) Nitrobenzene	9.254	77	10007	4.444	ng/ul#	87
23) Isophorone	9.776	82	16124	4.273	ng/ul#	94
25) 2-Nitrophenol	9.964	139	3513	4.224	ng/ul#	92
26) 2,4-Dimethylphenol	10.029	107	9141	4.611	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.264	93	8381	4.453	ng/ul	98
29) 2,4-Dichlorophenol	10.511	162	6940	4.417	ng/ul	88
30) Naphthalene	10.910	128	22943	4.540	ng/ul#	94
33) Hexachlorobutadiene	11.204	225	5671	4.721	ng/ul#	84
35) 4-Chloro-3-methylphenol	12.144	107	7258	4.105	ng/ul	91
36) 2-Methylnaphthalene	12.526	142	17658	4.775	ng/ul	95
37) 1-Methylnaphthalene	12.743	142	17803	4.764	ng/ul#	81
39) 1,2,4,5-Tetrachloroben...	12.890	216	9360	4.502	ng/ul	99
41) 2,4,6-Trichlorophenol	13.125	196	6171	4.830	ng/ul	90
42) 2,4,5-Trichlorophenol	13.207	196	6945m	5.090	ng/ul	
43) 1,1'-Biphenyl	13.524	154	23204	4.658	ng/ul	97
44) 2-Chloronaphthalene	13.571	162	17458	4.504	ng/ul	94
45) 2-Nitroaniline	13.771	65	5769	4.194	ng/ul	90
47) Dimethylphthalate	14.141	163	24950	4.788	ng/ul#	92
48) 2,6-Dinitrotoluene	14.264	165	4831	4.646	ng/ul	91
50) Acenaphthylene	14.417	152	26714	4.495	ng/ul#	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.764	153	19420	4.556	ng/ul	95
56) Dibenzofuran	15.093	168	27491	4.776	ng/ul	93
57) 2,4-Dinitrotoluene	15.052	165	6861	4.654	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.322	232	4341	3.506	ng/ul#	96
59) Diethylphthalate	15.504	149	24226	4.492	ng/ul#	88
61) Fluorene	15.739	166	22206	4.545	ng/ul#	77
62) 4-Chlorophenyl-phenyle...	15.733	204	12326	4.846	ng/ul	99
67) N-Nitrosodiphenylamine	15.944	169	18877	4.637	ng/ul#	79
68) 4-Bromophenyl-phenylether	16.626	248	7294	4.217	ng/ul	96
69) Hexachlorobenzene	16.749	284	8944	4.570	ng/ul#	85
72) Phenanthrene	17.484	178	37274	4.609	ng/ul	99
74) Anthracene	17.578	178	36104	4.406	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.495	216	9793	4.639	ng/uL#	92
76) Pentachlorobenzene	15.016	250	10571	4.733	ng/uL	92
78) Di-n-butylphthalate	18.400	149	39019	4.283	ng/ul	98
80) Fluoranthene	19.498	202	44950	4.676	ng/ul	97
82) Pyrene	19.857	202	47760	5.004	ng/ul	98
83) Butylbenzylphthalate	20.738	149	16215	4.364	ng/ul	96
85) Benzo(a)anthracene	21.707	228	44674	4.720	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.602	149	24713	4.482	ng/ul	97
87) Chrysene	21.772	228	42128	4.650	ng/ul	94
90) Benzo(b)fluoranthene	23.957	252	44805m	4.504	ng/ul	
91) Benzo(k)fluoranthene	24.022	252	46753	4.803	ng/ul	97
93) Benzo(a)pyrene	24.844	252	40407	4.683	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.739	276	52639	4.781	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.804	278	44328m	4.865	ng/ul	
96) Benzo(g,h,i)perylene	29.914	276	44696m	4.883	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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